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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

FISCHER, ANDREW J

ART UNIT PAPER NUMBER

3627

DATE MAILED: 10/08/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/848,573

Applicant(s)

BATES ET AL.

Examiner

Andrew J. Fischer

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18, 23-34, an 48-50 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18, 23-34, an 48-50 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Acknowledgements

1. Applicant's amendment filed July 7, 2004 is acknowledged. Accordingly, claims 1-18, 23-34, and 48-50 remain pending.
2. This Office Action is written in OACS. Because of this, the Examiner is unable to control formatting, paragraph numbering, font, spelling, line spacing, and/or other word processing issues. The Examiner sincerely apologizes for these errors.

Claim Rejections - 35 USC §101

3. 35 U.S.C. §101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.
4. Claims 23-34 and 50 are rejected under 35 U.S.C. §101 because the claimed invention is directed to non-statutory subject matter. The basis of this rejection is set forth in a two-prong test:
 - (1) The invention must be within the technological arts; and
 - (2) The invention must produce a useful, concrete, and tangible result.
5. Prong (2) The claims do not produce a "useful, concrete, tangible result." *AT&T Corp. v. Excel Communications, Inc.*, 172 F.3d 1352, 1358, 50 USPQ2d 1447, 1453 (Fed. Cir. 1999); *In re Warmerdam*, 33 F.3d 1354, 31 USPQ2d 1754 (Fed Cir 1994). In this case, claims 23-34 and 50 clearly read on a computer printout of the software program (implemented with *e.g.* Java, C++, or perhaps other computer code). Such computer printouts do not produce a useful, concrete, tangible result. Appropriate correction is required.

Claim Rejections - 35 USC §112 2nd Paragraph

6. The following is a quotation of the 2nd paragraph of 35 U.S.C. §112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claims 3, 5, 6, 16, 17, 23-34 and 50 rejected under 35 U.S.C. §112, 2nd paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

- a. Claims 3, 5, 6, 16, and 17 are indefinite because the metes and bounds of the claim can not be determined. For example, it is unclear if the phrase “transmitting” in claim 3 is ‘in addition to,’ or ‘in replacement of,’ the phrase “transmitting” as recited in claim 1. The analysis applies equally to claims 5, 6, 16, and 17.

First, it is axiomatic that if interpreted to be ‘in replacement of,’ such an interpretation would fail the “Infringement Test” as noted in MPEP §608.01(n) III. The Examiner notes that Applicant uses “further comprising” in some claims while Applicant uses “wherein” in others. In this case, after review of all the evidence of record and because of the lack of evidence to the contrary, the Examiner adapts the presumption that the term “wherein” connotes a different meaning than the term “further comprising.” See *CAE Screenplates Inc. v. Heinrich Fielder GmbH & Co. KG*, 224 F.3d 1308, 1317, 55 USPQ2d 1804, 1810 (Fed. Cir. 2000) (“In the absence of any evidence to the contrary, we must presume that the use of these different terms in the claims connotes different meanings.”).¹ If the “wherein” phrases do not mean “further comprising” or ‘in addition

¹ See also *Fonar Corp. v. Johnson & Johnson*, 821 F.2d 627, 632, 3 USPQ2d 1109, 1113

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to,' the "wherein" phrases can only mean 'in replacement of.' Thus, these claims fail to further limit the claim from which they depend and are therefore rendered indefinite because their scope can not be reasonably ascertained.

b. Claims 23-34 and 50 are indefinite because they are directed to nonstatutory subject matter and therefore can not be construed. If Applicant overcomes the §101 rejections noted above, these particular 35 U.S.C. §112, 2nd paragraph rejections will be withdrawn.

8. The Examiner finds that because the claims are indefinite under 35 U.S.C. §112 2nd paragraph, it is impossible to properly construe claim scope at this time. See *Honeywell International Inc. v. ITC*, 68 USPQ2d 1023, 1030 (Fed. Cir. 2003) ("Because the claims are indefinite, the claims, by definition, cannot be construed."). However, in accordance with MPEP §2173.06 and the USPTO's policy of trying to advance prosecution by providing art rejections even though these claim are indefinite, the claims are construed and the art is applied *as much as practically possible*.

Claim Rejections - 35 USC § 102

9. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(Fed. Cir. 1987) (noting that the meaning of claim terms must be defined in a manner that is consistent with its appearance in other claims in the same patent); *c.f. Bancorp Services LLC v. Hartford Life Insurance Co.*, 69 USPQ2d 1996, 2000-01 (Fed. Cir. 2004) ("That inference, however, is not conclusive; it is not unknown for different words to be used to express similar concepts, even though it may be poor drafting practice.")

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(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(c) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

10. Claims 1-18, 23,-34, and 48-50, as understood by the Examiner, are rejected under 35

U.S.C. 102(e) as being anticipated by Paulucci et. al. (U.S. 2002/000460 A1)(“Paulucci”).

Paulucci discloses the claimed invention including a first vending machine that receives a response indicating whether the item is available at another vending machine (the second vending machine).

Claim Rejections - 35 USC §103

11. The following is a quotation of 35 U.S.C. §103(a) which forms the basis for all obviousness rejections set forth in this Office Action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

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12. Claims 1-18, 23,-34, and 48-50, as understood by the Examiner, are rejected under 35 U.S.C. §103(a) as being unpatentable over Paulucci.² It is the Examiner's principle position that the claims are anticipated because a network connection is inherent.

However if not inherent, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify Paulucci to include placing the second vending machine in a different location with a network connection between the two. Such a modification would have allowed the vending machines to sell or objects since inventory would be known to the first vending machine.

13. The Examiner concludes that Applicants have decided not to be their own lexicographer by indicating and defining claim limitations to have meanings other than their ordinary and accustomed meanings. To support this position, the Examiner relies on the following factual findings. First and as noted in the previous Office Action,³ the Examiner has carefully reviewed the specification and prosecution history and can not locate any lexicographic definition(s). Second, the Examiner finds that not only have Applicants not pointed to definitional statements in their specification or prosecution history, Applicants have also not pointed to a term or terms in a claim with which to draw in those statements⁴ with the required clarity, deliberateness, and

² See MPEP §2112 expressly authorizing alternative §102/§103 rejections when the question of inherency is present in the anticipation rejection.

³ See the Examiner's previous Office Action mailed April 15, 2004, Paragraph No. 27.

⁴ "In order to overcome this heavy presumption in favor of the ordinary meaning of claim language, it is clear that a party wishing to use statements in the written description to confine or otherwise affect a patent's scope must, *at the very least*, point to a term or terms in the claim with which to draw in those statements. [Emphasis added.]" *Johnson Worldwide Assocs. v. Zebco Corp.*, 175 F.3d 985, 989, 50 USPQ2d 1607, 1610 (Fed. Cir. 1999).

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precision.⁵ Third, after receiving express notice in the previous Office Action of the Examiner's position that lexicography is not invoked,⁶ Applicants have not pointed out the "supposed errors" in the Examiner's position regarding lexicography invocation in accordance with 37 C.F.R. §1.111(b) (*i.e.* Applicants have not argued lexicography is invoked). Finally and to be sure of Applicants' intent, the Examiner also notes that Applicants have declined the Examiner's express invitation⁷ to be their own lexicographer.⁸ Accordingly and for due process purposes, the Examiner gives notice that for the remainder of the examination process (and unless expressly noted otherwise by the Examiner), the heavy presumption in favor of the ordinary and accustomed meaning is not overcome; the claims therefore continue to be interpreted with their "broadest reasonable interpretation" *In re Morris*, 127 F.3d 1048, 1054, 44 USPQ2d 1023, 1027 (Fed. Cir. 1997).⁹ The Examiner now relies heavily and extensively on this

⁵ "The patentee's lexicography must, of course, appear 'with reasonable clarity, deliberateness, and precision' before it can affect the claim." *Renishaw PLC v. Marposs Societa' per Azioni*, 158 F.3d 1243, 1249, 48 USPQ2d 1117, 1121 (Fed. Cir. 1998) citing *In re Paulsen*, 30 F.3d 1475, 1480, 31 USPQ2d 1671, 1674 (Fed. Cir. 1994).

⁶ See again the Examiner's previous Office Action mailed April 15, 2004, Paragraph No. 27.

⁷ *Id.*

⁸ The Examiner's requirements on this matter were reasonable on at least two separate and independent grounds. First, the Examiner's requirements were simply an express request for clarification of how Applicants intend their claims to be interpreted so that lexicography (or even an *attempt* at lexicography) by Applicants was not inadvertently overlooked by the Examiner. Second, the requirements were reasonable in view of the USPTO's goals of compact prosecution, productivity with particular emphasis on reductions in both pendency and cycle time, and other goals as outlined in the USPTO's The 21st Century Strategic Plan, February 3, 2003 available at www.uspto.gov/web/offices/com/strat21/index.htm (last accessed October 1, 2004).

⁹ See also *In re Bass*, 314 F.3d 575, 577, 65 USPQ2d 1156, 1158 (Fed. Cir. 2002) ("In examining a patent claim, the PTO must apply the broadest reasonable meaning to the claim language, taking into account any definitions presented in the specification. Words in a claim

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interpretation.¹⁰ Unless expressly noted otherwise by the Examiner, the preceding claim interpretation principles in this paragraph apply to all examined claims currently pending.

Response to Arguments

14. Applicants' arguments with respect to the claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

15. Applicants' amendment necessitated the new grounds of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP §706.07(a). Applicants are reminded of the extension of time policy as set forth in 37 C.F.R. §1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 C.F.R. §1.136(a) will be calculated from the mailing date of the advisory action. In no event, however,

are to be given their ordinary and accustomed meaning unless the inventor chose to be his own lexicographer in the specification") (citations omitted); *In re Etter*, 756 F.2d 852, 858, 225 USPQ 1, 5 (Fed. Cir. 1985) (en banc); and MPEP §§ 2111 and 2111.01.

¹⁰ See 37 C.F.R. §1.104(c)(3) which states in part: "the examiner may rely upon admissions by applicant . . . as to *any matter* affecting patentability [Emphasis added.]"

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will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

16. References considered pertinent to Applicants' disclosure are listed on form PTO-892.

17. The following two (2) citations to the Manual of Patent Examining Procedure ("MPEP") apply to this Office Action: MPEP citations to Chapters 100, 200, 500, 600, 700, 1000, 1100, 1300, 1400, 1500, 1700, 1800, 2000, 2100, 2200, 2500, 2600, and 2700 are from the MPEP 8th Edition, Rev. 2, May 2004. All remaining MPEP citations are from MPEP 8th Edition, August 2001.

18. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

19. Because this application is now final, Applicant(s) are reminded of the USPTO's after final practice as discussed in MPEP §714.12 and §714.13 and that entry of amendments after final is *not* a matter of right. "The refusal of an examiner to enter an amendment after final rejection of claims is a matter of discretion." *In re Berger*, 279 F.3d 975, 984, 61 USPQ2d 1523, 1529 (Fed. Cir. 2002) (citations omitted). Furthermore, suggestions or examples of claim language provided by the Examiner are just that—suggestions or examples—and do not constitute a formal requirement mandated by the Examiner. Unless stated otherwise by an express indication that a claim is "allowed," exemplary claim language provided by the

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Examiner to overcome a particular rejection or to change claim interpretation has *not been addressed* with respect to other aspects of patentability (*e.g.* §101 patentable subject matter, §112 1st paragraph written description and enablement, §112 2nd paragraph indefiniteness, and §102 and §103 prior art). Therefore, any claim amendment submitted under 37 C.F.R. §1.116 that incorporates an Examiner suggestion or example or simply changes claim interpretation will nevertheless require further consideration and/or search and a patentability determination as noted above.

20. In accordance with the USPTO's goals of customer service, compact prosecution, and reduction of cycle time, the Examiner has made every effort to clarify his position regarding claim interpretation and any rejections or objections in this application. Furthermore, the Examiner has again provided Applicants with notice—for due process purposes—of his position regarding his factual determinations and legal conclusions. The Examiner notes and thanks Applicants for their "Remarks" (beginning on page 8) traversing the Examiner's positions on various points. If Applicants disagree with any additional factual determination or legal conclusion made by the Examiner in this Office Action whether expressly stated or implied,¹¹ the Examiner respectfully reminds Applicants to properly traverse the Examiner's position(s) in accordance with 37 C.F.R. §1.111(b) in their next properly filed response. By addressing these issues now, matters where the Examiner and Applicants agree can be eliminated allowing the Examiner and Applicants to focus on areas of disagreement (if any) with the goal towards allowance in the shortest possible time. If Applicants have any questions regarding the Examiner's positions or have other questions regarding this communication or even previous

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communications, Applicants are strongly encouraged to contact Examiner Andrew J. Fischer whose telephone number is (703) 305-0292. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's immediate supervisor, Robert Olszewski, can be reached at (703) 308-5183. The fax number for facsimile responses is now (703) 872-9306.

Andrew J. Fischer 10/1/04

Andrew J. Fischer
Primary Examiner
Art Unit 3627

AJF
October 1, 2004

¹¹ *E.g.*, if the Examiner rejected a claim under §103 with two references, although not directly stated, it is the Examiner's implied position that the references are analogous art.